

Message

From: Atencio, Ryan@ARB [Ryan.Atencio@arb.ca.gov]
Sent: 4/2/2021 5:14:44 PM
To: Perez, Idalia [Perez.Idalia@epa.gov]
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)
Attachments: 2021 CARB Border 105 Grant Project Ideas v3.docx

Newest priority table attached...

From: Atencio, Ryan@ARB
Sent: Friday, April 2, 2021 10:13 AM
To: Perez, Idalia <Perez.Idalia@epa.gov>
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

Happy Friday Idalia – two points:

- 1) I inquired about the website yesterday with program. It turns out they only have funding until September – so without further funding, they would not be able to continue contract past that time. As a result I re-ordered, again, our priorities. See table below for our top three (although we are still very open to discuss any proposal that aligns with your aim!!)
- 2) I will be discussing the updated emissions question with program Tuesday and can call after that meeting. My sense is that since CARB was awarded funding last year to update the MOVES Mexico inventory for light duty for Mexicali, Tecate and TJ - it may be in the same space – but I want to make sure with our program staff – if there is overlap / or not.

Title / Program Lead	Proposal	Cost (Min-Max)	Priority
Imperial County/Mexicali PM and Ozone Website and Mobile App (AQPSD)**	Funding will continue the www.imperialvalleyair.org website and mobile application that provides public access to real-time local air quality data, air alerts, air quality forecasting, and health impact information. Information on the website and mobile application is provided in English and Spanish. The website includes information from regulatory air quality monitoring stations in Imperial County and Mexicali, MX. Monthly and annual air quality data reports are provided to the local district and CARB. **(See detail below.)	\$105,000**	High
TJ River SDAPCD Project Support (MLD/EO)	Tijuana River air monitoring response technical and analytical support services to air district. Through this funding, CARB would support district pilot project with analysis for VOCs or sulfides (or other parameters to be determined in collaboration with district) at offsite laboratory. CARB would also support project with in-kind services to be determined by project, related to sample collection, storage, transport, and analysis of samples. CARB would also offer technical assistance to project in terms of odor identification using novel methods (e.g. 'odor-wheel' etc).	\$20,000	High
Purple Air sensor replacements for the City of Mexicali (MLD)	CARB and the City of Mexicali partnered on a project beginning in December of 2018 to increase the number of low-cost sensors in the Mexicali area. To date, the City of Mexicali has installed 50 PurpleAir sensors and has used this data for education and awareness, as well as to build a school flag program in Mexicali. These efforts have led to increased education and awareness provided to the public about air quality in their region and the precautions they should take to protect themselves when air quality levels are unhealthy. Due to the harsh	\$10,000	High

Title / Program Lead	Proposal	Cost (Min-Max)	Priority
	temperatures, the failing of sensors (due to power issues and general wear and tear) in Mexicali, CARB has been supplying the City with replacement sensors on an as-needed basis. CARB will not be able to continue providing replacement sensors and it is important to maintain the current network in Mexicali. Approximate cost for replacements is based on the assumption that ~20 sensors will need to be replaced every year.		

From: Perez, Idalia <Perez.Idalia@epa.gov>

Sent: Thursday, April 1, 2021 3:47 PM

To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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Additional question for someone in ARB regarding Imperial proposed project:

Does ARB see the value in an updated emission inventory in Mexicali?

I am also asking our SIP group the same question.

Thanks!

-Idalia

Idalia M. Pérez, Ph.D. (*pronouns: she/her/hers*)

Technology & Partnerships Office | U.S.-Mexico Border Program

U.S. Environmental Protection Agency – Region 9

75 Hawthorne St. (AIR-4-1), San Francisco, CA 94105

P: 415.972.3248 | email: perez.idalia@epa.gov

Our mission is to protect human health and the environment.

From: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Sent: Thursday, April 1, 2021 1:40 PM

To: Perez, Idalia <Perez.Idalia@epa.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

Stand by

From: Perez, Idalia <Perez.Idalia@epa.gov>

Sent: Thursday, April 1, 2021 1:38 PM

To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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One question for now: Would the Imperial website continue to operate next year if we don't fund it?

I'm sure I will have more questions after today.

Idalia M. Pérez, Ph.D. (*pronouns: she/her/hers*)

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Our mission is to protect human health and the environment.

From: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>
Sent: Thursday, April 1, 2021 1:23 PM
To: Perez, Idalia <Perez.Idalia@epa.gov>
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

Thank you!!

From: Perez, Idalia <Perez.Idalia@epa.gov>
Sent: Thursday, April 1, 2021 1:11 PM
To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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Thank you!!!

Idalia M. Pérez, Ph.D. (*pronouns: she/her/hers*)
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From: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>
Sent: Thursday, April 1, 2021 1:03 PM
To: Perez, Idalia <Perez.Idalia@epa.gov>
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

From: Perez, Idalia <Perez.Idalia@epa.gov>
Sent: Thursday, April 1, 2021 12:20 PM
To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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Sounds good. I have the 3 other agencies (Imperial, SD and Arizona) in the draft briefing paper. I'll add ARB's as soon as you get me something.

Thanks,
-Idalia

Idalia M. Pérez, Ph.D. (*pronouns: she/her/hers*)
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U.S. Environmental Protection Agency – Region 9

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From: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Sent: Thursday, April 1, 2021 10:01 AM

To: Perez, Idalia <Perez.Idalia@epa.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

Sure thing – stand by. Ill get you something in the noon hour. Thanks!

From: Perez, Idalia <Perez.Idalia@epa.gov>

Sent: Thursday, April 1, 2021 9:35 AM

To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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Any info you have this morning, even if preliminary, would be helpful as I'm talking to one manager this afternoon. I will make clear that this is preliminary and I expect more details from you later.

Otherwise, I will talk with them again late next week.

Thanks!

-Idalia

Idalia M. Pérez, Ph.D. (*pronouns: she/her/hers*)

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From: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Sent: Thursday, April 1, 2021 9:23 AM

To: Perez, Idalia <Perez.Idalia@epa.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

Thanks Idalia –

I have spoken to both Imperial and San Diego (Belen and Domingo) and have some changes on our side. Also we are still prioritizing internally; yesterday we were off. I plan to resubmit by tomorrow morning – will that still work? If not I let you know by COB today the changes; and then resubmit table tomorrow.

Ryan

From: Perez, Idalia <Perez.Idalia@epa.gov>

Sent: Wednesday, March 31, 2021 8:37 AM

To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>

Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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Hi Ryan,
Have you been able to prioritize your proposals as high/medium/low?
Also, were you able to clarify the coordinate projects with SD and Imperial?

I want to start talking with our management so I can move this process forward.

Thanks,

-Idalia

Idalia M. Pérez, Ph.D. (*pronouns: she/her/hers*)
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From: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>
Sent: Thursday, March 18, 2021 6:22 PM
To: Perez, Idalia <Perez.Idalia@epa.gov>
Cc: Gibson, Benjamin <gibson.benjamin@epa.gov>; Machol, Ben <Machol.Ben@epa.gov>; Latigue, Angela <Latigue.Angela@epa.gov>; Fletcher, Chanell@ARB <Chanell.Fletcher@arb.ca.gov>
Subject: RE: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

Thank you Idalia –

Please find attached CARB's proposals for this year's round of 105 Funds.

Feel free to contact me with any questions.

Best Regards,

Ryan M. Atencio | California Air Resources Board | 626.450.6109

From: Perez, Idalia <Perez.Idalia@epa.gov>
Sent: Wednesday, February 24, 2021 3:24 PM
To: Atencio, Ryan@ARB <Ryan.Atencio@arb.ca.gov>; Fletcher, Chanell@ARB <Chanell.Fletcher@arb.ca.gov>
Cc: Gibson, Benjamin <gibson.benjamin@epa.gov>; Machol, Ben <Machol.Ben@epa.gov>; Latigue, Angela <Latigue.Angela@epa.gov>
Subject: Solicitation for US/Mexico Border Project Proposals for Clean Air Act 105 funds; Deadline March 18 (CARB)

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Dear Chanell and Ryan,

Per my email earlier this week, I want to inform you that EPA Region 9 Air and Radiation Division has Clean Air Act section 105 grant funds available for activities and projects along the US-Mexico Border region. As we have done in previous years, we are asking for proposed activities and projects you would like us to consider funding in the California-Baja California binational airsheds. We anticipate our available funds will be similar to those we have had in previous years. As a reminder, I'm adding the list of last year's funded activities to the bottom of this email. As we have

experienced every year, we expect we will have more project proposals than we have available funds. It is likely we will have to make difficult choices in prioritizing what we fund. Our priorities are listed below.

Please reply **by COB Thursday March 18th** with ideas and associated costs. I will coordinate with Ryan after the proposals are received to review them and clarify any questions.

We are looking for projects that compliment and build on our joint previous successes as we transition to the post-Border 2020 framework. Some of our priorities include:

- If possible, projects located in Mexico that have binational benefits
- Projects that overlap with likely objectives of the program that will supersede Border 2020:
 - Air quality monitoring
 - Emission inventory
 - Reductions of vehicle emissions at or near ports-of-entry
 - Emission reductions in nonattainment areas
 - Air quality and climate change co-benefits
- Projects that support Region 9 Air and Radiation Division Operating Plan priorities:
 - Binational border air quality task force meetings
 - Addressing Environmental Justice concerns in the region
 - Community engagement and outreach, including outreach focused on decreasing emissions, such as media campaigns to discourage open burning, and decreasing exposure, such as promoting the Air Quality Flag Program.
 - Addressing high rates of asthma at the border through outreach and training, supporting sustainable financing, and funding asthma service partners.
 - Supporting efforts regarding the future impacts of the Salton Sea on air quality or other emerging air pollution issues.
- Projects in the Border area that complement State Implementation Plan and/or other CAA activities traditionally supported by 105 grants.
- Projects that leverage other resources.

Thank you for your and your staff's efforts to improve air quality along the US-Mexico Border. We greatly appreciate our partnership and look forward to continuing to work closely together and targeting CAA 105 funds to the most critical needs. Please let me know if you have any questions.

-Idalia

Agency	Project	Target Output	FY20 Funding	FY18 Funding
CARB	Imperial County/Mexicali PM and ozone air alert and forecast mobile app and website	<ul style="list-style-type: none"> • Conduct air quality forecasting and alerts • Update website layout and graphics. • Add monthly and annual reports. • Add data analysis for high-PM_{2.5} events. 	\$12,000	\$150,00
CARB	Assist the City of Mexicali to develop a Purple Air correction factor for the region/season	<ul style="list-style-type: none"> • A correction factor for their Purple Air sensor network, which Mexicali plans to use to issue AQI alerts to residents 	\$10,000	
CARB	Support SPA with standards certification	<ul style="list-style-type: none"> • QA/QC consumables 	\$5,000	
CARB	Assist the City of Tijuana set up a 50 sensor network	<ul style="list-style-type: none"> • Sensors • Training in Tijuana. 	\$18,000	
CARB	Train SPA (Baja) and City of Mexicali on air monitoring station calibration	<ul style="list-style-type: none"> • Training 	\$5,000	

CARB	Salton Sea Community and Researchers Task Force (1 year)	<ul style="list-style-type: none"> • Convene university and college investigators, members of state and local agencies, non-profit organizations as well as community members. • Two task force meetings/year. 	\$75,000	
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